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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/756,418	01/08/2001	Bruno Gachie	BDL-333XX	5451
207	7590	06/07/2004	EXAMINER	
WEINGARTEN, SCHURGIN, GAGNEBIN & LEOVICI LLP			LAO, TIM P	
TEN POST OFFICE SQUARE			ART UNIT	
BOSTON, MA 02109			PAPER NUMBER	
			2655	8

DATE MAILED: 06/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/756,418

Applicant(s)

GACHIE ET AL.

Examiner

Tim Lao

Art Unit

2655

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on 08 January 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☒ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 5.6
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION*****Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 7-9 and 14 are rejected under 35 U.S.C. 102(e) as being anticipated by Mayer (U.S. Patent 6,282,511, hereinafter "Mayer").

Claim(s) 7	<p><u>Mayer discloses:</u></p> <p>Data server comprising a processing unit (Fig.2: 203) and a memory unit (Fig.2: 202) which is at least read-accessible by the processing unit, and in which are stored a plurality of pages (e.g., HTML page) intended to be displayed on a client device (Fig.2: 101) after downloading via a telecommunications network (e.g., PSTN 110), characterised in that the memory unit comprises, linked with each page, at least one dictionary (Fig.4: 310, 320) of one or more voice links, with each voice link comprising at least one audio recording of a voice command (Fig.6: 500-1; col.8, ll.40-43).</p>
Claim(s) 8	<p><u>Mayer discloses:</u></p> <p>Server according to claim 7, characterised in that each page of the server comprises an item of information (e.g., distinct voice for hyperlink word) identifying the associated dictionary or dictionaries (Fig.4: 310, 320).</p>
Claim(s)	<p><u>Mayer discloses:</u></p>

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9	Server according to claim 7, characterised in that each voice link comprises an address (e.g., hyperlink address, col.1, ll.59-64) enabling a resource to be located, preferably in the memory unit of the server.
Claim(s) 14	<u>Mayer discloses:</u>  Server according to claim 8, characterized in that each voice link comprises an address (e.g., hyperlink address, col.1, ll.59-64) enabling a resource to be located, preferably in the memory unit of the server (e.g., data storage 202).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4.	Claims 1-4 and 12-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mayer in view of Krasle (U.S. Patent 6,029,135, hereinafter "Krasle").
Claim(s) 1	<u>Mayer shows:</u>  System for the voice control of a page (e.g., HTML page, col.3, ll.44-54) intended to be displayed on a client device (Fig.2: 101) which, on one hand, can exchange data with a remote server (Fig.2: 201-R1) via a telecommunications network (e.g., PSTN 110) and which, on the other hand, includes means permitting the recording of a voice command (col.7, ll.46-64) spoken by a user, and voice recognition means making it possible, from a recorded voice command, to determine and command automatically the execution of an action (e.g., col.4,

	<p>ll.33-40) associated with this voice command, characterized:</p> <p>in that the server has in its memory (Data Storage: Fig.2: <b>201-R1</b>), in association with a page (e.g., HTML page), at least one dictionary (Fig.4: <b>310, 320</b>) of one or more voice links including for each voice link at least one audio recording of the voice command (Fig.6: <b>500-1</b>; col.8, ll.40-43).</p> <p><u>Mayer does not show:</u></p> <p>in that the client device is capable of downloading into its memory each dictionary associated with the page, and</p> <p>in that the voice recognition means of the client device comprise a voice recognition program that is designed to make a comparison of the audio recording corresponding to the voice command with the audio recording or recordings of each dictionary associated with the page.</p> <p><u>Krasle teaches:</u></p> <p>A client device capable of downloading into its memory each dictionary associated with the page (col.2, ll.62-66), and {The dictionary is downloaded and stored in the memory of the client device.}</p> <p>a voice recognition means of the client device comprise a voice recognition program that is designed to make a comparison of voice command spoken by the user with the voice command entries in the dictionary associated with the page. (col.3, ll.4-15)</p> <p>It would have been obvious to a person of ordinary person skill in the art at the time the invention was made to modify the voice controlled server system of Mayer to include the voice recognition on the client device as taught by Mayer in order to download the voice recording of the voice command from the server to the client for the comparison of the voice command. The use of the client device for comparison helps to distribute the resource load from the server.</p>
Claim(s)	<u>Mayer shows:</u>

2	<p>a voice link comprises several audio recordings of the voice command, including at least one recording of a female voice and one recording of a male voice. (col.7, ll.65-57; col.8, ll.1-3; col.4, ll.14-19)</p>
Claim(s) 3	<p><u>Mayer shows:</u></p> <p>System according to claim 1, characterised in that the page of the server comprises an item of information (e.g., distinct voice for hyperlink word) identifying the associated dictionary or dictionaries (Fig.4: 310, 320),</p> <p><u>Mayer does not show:</u></p> <p>a client device is designed to detect this information at the time the page is displayed and, in the event of detection of this information, to send a request to the server in order for the latter to send it the dictionary identified by this item of information.</p> <p><u>Krasle teaches:</u></p> <p>a client is designed to detect (e.g., through the voice recognition system) this information at the time the page is displayed and, in the event of detection of this information, to send a request to the server in order for the latter to send it the dictionary identified by this item of information. (col.3, ll.4-28)</p> <p>It would have been obvious to a person of ordinary person skill in the art at the time the invention was made to modify the voice controlled server system of Mayer to include the dictionary detection feature of Krasle in order to detect the dictionary associated with the voice link and request the server to send it to the client device. This detection is useful in application where some hyperlinks are voice-enabled and the other hyperlinks are not. In such situation, information for hyperlinks which are not voice-enabled need not to be sent.</p>
Claim(s) 4	<p><u>Mayer shows:</u></p> <p>System according to claims 1, characterised in that each voice link of a dictionary comprises an address (e.g., hyperlink address, col.1, ll.59-64) enabling a resource to be</p>

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	located.
Claim(s) 12	<p><u>Mayer shows:</u></p> <p>System according to claim 2, characterized in that each voice link of a dictionary comprises an address (e.g., hyperlink address, col.1, ll.59-64) enabling a resource to be located.</p>
Claim(s) 13	<p><u>Mayer shows:</u></p> <p>System according to claim 3, characterized in that each voice link of a dictionary comprises an address (e.g., hyperlink address, col.1, ll.59-64) enabling a resource to be located.</p>

5. Claims 10 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krasle in view of Mayer.

Claim(s) 10	<p><u>Krasle shows:</u></p> <p>Client device (the hypertext navigation system, col.3, ll.30-32) which, on one hand, is capable of exchanging data with a remote server and of downloading and displaying pages (e.g., web pages, col.2, ll.27-33) of data stored in the memory of the server (e.g., internet servers) and which, on the other hand, includes voice recognition means making it possible to determine and command automatically the execution of an action (e.g., navigation of a web page) associated with a voice command spoken from a user, characterized:</p> <p>in that the client device is designed to download into its memory from the server a dictionary that is associated with a page (e.g., hypertext document) displayed and that contains one or more voice links (col.2, ll.46-54),  <i>{The dictionary is downloaded and stored in the memory of the client device.}</i></p> <p>in that the voice recognition means of the client device comprise a voice recognition</p>
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	<p>program which is designed to effect a comparison between the voice command spoken by the user with the voice command entries in the dictionary associated with the page. (col.3, ll.4-15)</p> <p><u>Krasle does not show:</u></p> <p>Audio recording of a voice command;</p> <p><u>Mayer teaches:</u></p> <p>Audio recording of a voice command; (col.7, ll.46-64)</p> <p>It would have been obvious to a person of ordinary person skill in the art at the time the invention was made to modify the voice controlled navigation system of Krasle to include the audio recording of voice command at the server side as taught by Mayer in order to download the voice recording of the voice command from the server to the client for the comparison of the voice command. The use of audio recording of voice command is useful in the application where gender specific voice is needed. (col.8, ll.47-51)</p>
Claim(s) 11	<p><u>Krasle shows:</u></p> <p>Memory medium (col.7, ll.35-57) readable by a client device (the hypertext navigation system, col.3, ll.30-32) and on which is stored a page that is displayable on the client device (col.3, ll.23-28) and which comprises a plurality of instructions (col.7, ll.50-57) readable by the client device, the instructions representing the contents of the page, a dictionary including one or more voice links (col.2, ll.46-54), once it has been read by the client device, triggering the downloading of said dictionary from a remote server.</p> <p><u>Krasle does not show:</u></p> <p>an item of information (e.g., distinct voice for hyperlink word) that identifies at least one dictionary (Fig.4: 310, 320) associated with the page,</p> <p>a voice link including at least one audio recording of a voice command. (col.7, ll.46-64)</p>



	<p>It would have been obvious to a person of ordinary person skill in the art at the time the invention was made to modify the voice controlled navigation system of Krasle to include the audio recording of voice command at the server side as taught by Mayer in order to download the voice recording of the voice command from the server to the client for the comparison of the voice command. The use of audio recording of voice command is useful in the application where gender specific voice is needed (col.8, ll.47-51). It would be obvious to include an information as a detection means for the presence of dictionary so that the client device downloads the dictionary when it is necessary.</p>
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6. Claims 5 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mayer in view of Krasle, and further in view of Profit (WO 99/48088).

Claim(s) 5	<p><u>The modified Mayer does not show:</u></p> <p>System according to claim 1, characterised in that each voice link of a dictionary comprises a name of the voice command, and in that the client device is designed, after reception of a dictionary, to read and display the names of all or part of the voice links of this dictionary.</p> <p><u>Profit teaches:</u></p> <p>a voice link of a dictionary (p.10, ll.10-19; p.11, ll.6, 9) comprises a name of the voice command (e.g., SPORTZONE, USA TODAY, p.11, ll.21-24), and in that the client device is designed, after reception of a dictionary, to read and display the names of all or part of the voice links of this dictionary (Fig.2: 152).</p> <p>It would have been obvious to a person of ordinary person skill in the art at the time the invention was made to include using the name of the voice command feature of Profit in the system of the modified Mayer in order to select the hyperlink using an abbreviate name without having to spell out the address of the entire reference path of the link. Displaying the names of voice links would allow the user to view all possible links of the dictionary so as to make the subsequent selection of links more convenient.</p>
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<p>Claim(s) 6</p>	<p><u>The modified Krasle does not show:</u></p> <p>System according to claim 5, characterised in that each voice link in a dictionary comprises an attribute ("type") making it possible to specify whether a voice command is to be hidden or not, and in that the client device is designed, after the reception of a dictionary, to read and display the names only of the voice links of which the value of the "type" attribute authorises the display.</p> <p><u>Profit teaches:</u></p> <p>a voice link in a dictionary comprises an attribute ("type") (e.g., enable/disable type) making it possible to specify whether a voice command is to be hidden or not (enable or disable, p.7, ll.10-24), and in that the client device is designed, after the reception of a dictionary, to read and display the names only of the voice links of which the value of the "type" attribute authorises the display (Fig.2: 154).</p> <p>It would have been obvious to a person of ordinary person skill in the art at the time the invention was made to include using the type attribute of Profit in the system of the modified Mayer in order to enable or disable the voice link. The enable/disable feature permits a user to turn off the voice link in situation such as when the user desires to simply read the text of the web page but does not desire to navigate. Displaying the names of voice links would allow the user to view all possible links of the dictionary so as to make the subsequent selection of links more convenient.</p>

### **Conclusion**

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- |               |         |                  |
|---------------|---------|------------------|
| [1] 6,188,985 | 02/2001 | Thrift et al.    |
| [2] 6,157,705 | 12/2000 | Perrone          |
| [3] 6,101,472 | 08/2000 | Giangarra et al. |

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[4] 6,636,831      10/2003      Profit, Jr. et al.

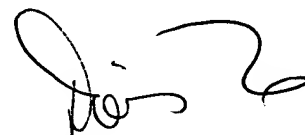
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tim Lao whose telephone number is 703-305-8955. The examiner can normally be reached on M-F, 8:30am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doris To can be reached on 703-305-4827. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tim Lao  
Examiner  
Art Unit 2655

TL  
06/01/04



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